

QUALITAIR

QFS700 DX & CHILLED WATER FLOOR STANDING RANGE 25-80kW

- Cooling Only, Cooling and Heating or Full Air Conditioning Models.
- DX or Chilled Water Cooling.
- Upflow or Downflow Air Supply Units.
- Microprocessor Controls as Standard.
- Compact Module Design.
- Easy Access for Service and Maintenance.

Options:

- B.S. Colour Coded Finishes.
- Base Plinths.
- Condensate Pump.
- High Efficiency Filters.
- Water Cooled Condensers.
- Communication Choices.

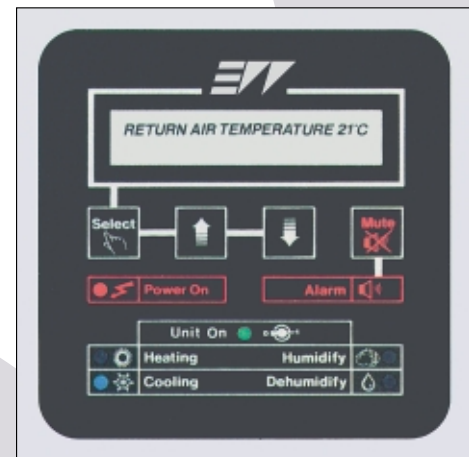
The QFS700 Floor Standing range offers a choice of cooling options in a compact modular design. The range offers simple spot cooling, cooling and heating or full air conditioning models.

With DX or chilled water cooling, upflow or downflow air supply, standard or high efficiency filters, Vapac humidifier fitted (full air conditioning models) and microprocessor controller as standard, the QFS700 range is suitable for many applications.

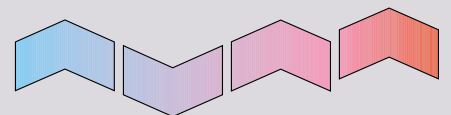
Where necessary, the QFS700 range can be supplied in any B.S. colour coded finish to match the site location decor and furnishings.

The Qualitair QCV external air cooled condensers are matched for the QFS700 DX models or water cooled condensers may be provided for water/glycol cooled project models.

The chilled water QFS700 units are fitted with control and balancing valves as an integral part of all models.



QFS⁷⁰⁰
RANGE
Air Conditioning



TECHNICAL SPECIFICATIONS

QFS700 Range technical data

Model	Maximum Capacity *		Maximum Airflow m ³ /s	Number of Fans	Electric Heater Capacity kW	Humidifier Output (when fitted) kg/hr	DX Models		C/W Models
	DX kW	C/W kW					Number of Compressors	Condenser Model	Water Flow l/s
QFS700/1	32.6	30.0	2.50	1	15.0	6	2	2 × QCV1-18	1.08/1.30
QFS700/2	59.0	55.0	4.05	2†	22.5	8.12	2	2 × QCV1-40 or 2 × QCV2-40	1.75/2.64
QFS700/3	80.0	80.0	6.00	2	30.0	15	2	2 × QCV2.70	3.05/3.47

* Capacities based on air entry of 22°C db / 15°C wb, C/W inlet temperature 7°C, DX condenser (30°C ambient). † (Duplex) fans fitted.

Electrical data

Model	Electrical Supply: 400 Volts Three Phase N 50 Hz			
	Running Current Per Phase (Amps)			
	Fan Motor(s)	Compressor(s)	Heater(s)	Humidifier
QFS700/1	6.9	22.0 to 28.0	21.0	7.0
QFS700/2	8.4	32.0 to 46.0	31.5	9.0 to 13.5
QFS700/3	16.8	46.0 to 58.0	42.0	17.0

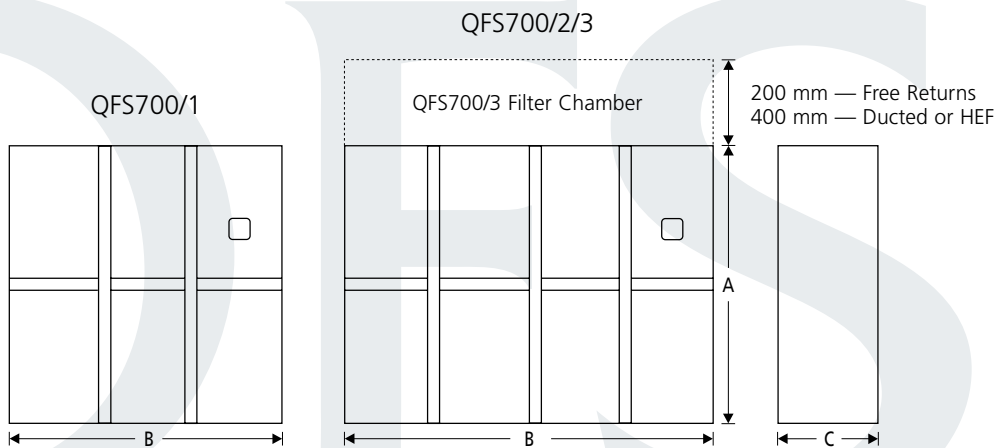


- B.S. Colour Coded Finishes
- Base Plinths
- Condensate Pump
- High Efficiency Filters
- Humidifier
- Water Cooled Condensers
- BMS — Interface

Dimensions and weights

Model	Height (A) mm		Width (B) mm		Depth (C) mm		Weight kg	
	DX	C/W	DX	C/W	DX	C/W	C/W	
							DX	C/W
QFS700/1	1800	1800	2105	1660	730	730	580	460
QFS700/2	1800	1800	2795	2350	730	730	780	630
QFS700/3	1800	1800	2795	2350	930	930	950	750

Full technical data sheets available with options part numbers.



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